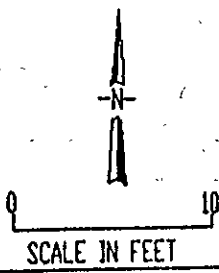
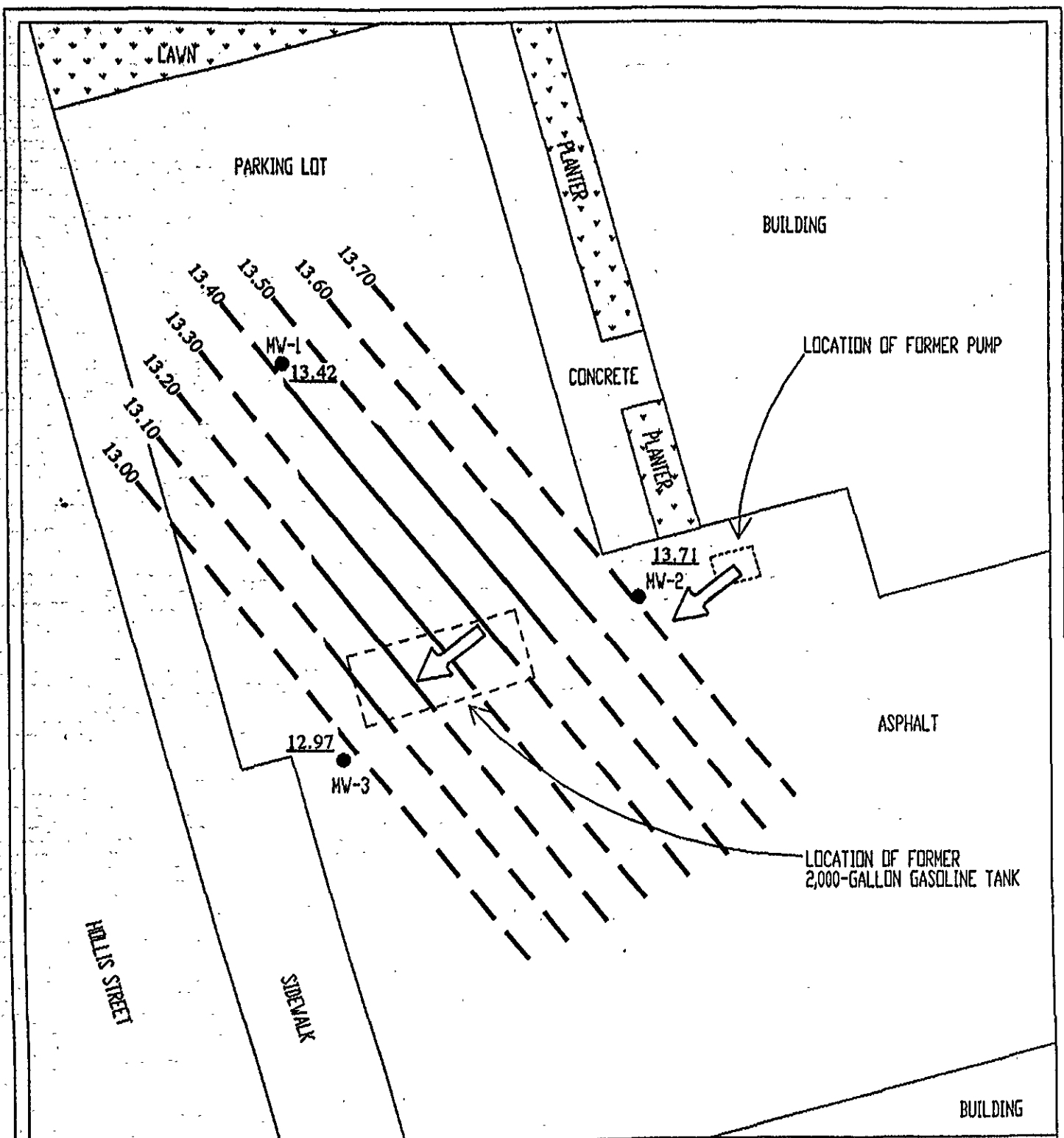


LEGEND

- MW-1 ● NAME AND LOCATION OF GROUNDWATER MONITORING WELL
- 13.54 ● POTENTIOMETRIC ELEVATION (FEET-MSL)
- 13.60 ——— POTENTIOMETRIC CONTOUR
- ➔ GROUNDWATER FLOW DIRECTION (3/23/92)

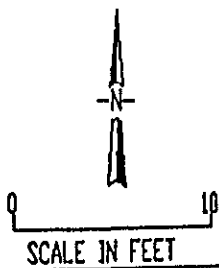


| | |
|--|---------|
| TANK PROTECT ENGINEERING | |
| GROUNDWATER GRADIENT MAP (3/23/92) | |
| DATE | 3/23/92 |
| FIGURE | 7 |
| FILE # | 213A-15 |
| DRAWN BY | HAC |
| CHECKED BY | JVM |
| 1333 PARK AVENUE EMERYVILLE, CA 94608 | |



LEGEND

- MW-1 ● NAME AND LOCATION OF GROUNDWATER MONITORING WELL
- 13.42 POTENTIOMETRIC ELEVATION (FEET-MSL)
- 13.70 ——— POTENTIOMETRIC CONTOUR
- ➔ GROUNDWATER FLOW DIRECTION (3/17/92)



TANK PROTECT ENGINEERING

GROUNDWATER GRADIENT MAP (3/17/92)

1333 PARK AVENUE
EMERYVILLE, CA 94608

| | |
|------------|---------|
| DATE | 3/17/92 |
| FIGURE | 6 |
| FILE # | 213A-15 |
| DRAWN BY | HAC |
| CHECKED BY | JVM |



**TESTING
AND
TECHNOLOGY**

31-F Commercial Blvd. • Novato, CA • 94949 • (415) 883-5070
FAX • (415) 883-0859

91 APR 29 11:32

TRACER-TIGHT • PRECISION TANK TESTING • MONITORING WELL SERVICES • ENVIRONMENTAL SERVICES

April 24, 1991

Mr. Frank Alhino
CITY OF EMERYVILLE FIRE DEPT.
2200 Powell St., 12th Floor
Emeryville, California 94608

Subject: UST Tank Test Results
Old City Hall, 133 Park St., Emeryville

Dear Mr. Alhino:

We would like to thank you for using Testing and Technology for your tank testing needs.

Enclosed are the results for the one (1) underground storage tank test - one (1) 2,000 gallon unleaded tank performed March 29th. Tank 1 passed and the results are within the guidelines set forth by state regulations.

For your convenience I have sent a copy of this report on to Ms. Susan Hugo of Alameda County of Environmental Health.

If you have any further questions, please feel free to call at (415) 883-5070.

Very truly yours,

Kris D. Woods
Kris D. Woods
V.P. Administration

KDW:mds

Enclosure

cc: Ms. Susan Hugo, County of Alameda

TESTING AND TECHNOLOGY
27 B COMMERCIAL BLVD, NOVATO, CA 94949

(415) 883-5070

INVOICE # 1171

TEST DATE 3/29/91

COMPANY NAME OLD CITY HALL
TANK ADDRESS OLD CITY HALL, 1333 PARK STREET, EMERYVILLE, CA
CONTACT NAME FRANK ALHINO PHONE # 596-3759
CONTRACTED BY CITY OF EMERYVILLE FIRE DEPARTMENT, 2200 POWELL STREET,
12TH FLOOR, EMERYVILLE, CA 94608, ATTN: FRANK ALHINO

TANK INFORMATION

TANK # 1
PRODUCT UNLEADED
CAPACITY 2,000
CONSTRUCTION STEEL
AGE (ESTIMATE) UNKNOWN
DIAMETER 67"
FILL PIPE 34"
TANK BOTTOM DEPTH 97"/98"
PRODUCT ON ARRIVAL -9"
PUMP TYPE SUCTION
VAPOR RECOVERY NONE
TANK WATER 0
DATE/TIME FILLED UNKNOWN
GALLONS TO TOP OFF UNKNOWN
GROUND WATER DEPTH 5'
TANK BTM PRESSURE 3.46 PSI
TEST EQUIPMENT HORNER

RESULTS

TANK TEST PASS
LOSS RATE -0.0004

Testing and Technology

Test Report

Horner "EZY CHECK" Leak Detector

Company OLD CITY HALL Tank # 1 Invoice 1171 Product UNLEADED Capacity 2000 Date 03/29/91
 Measured API 55 Tem 58.4 Adjusted A 54.7 C.O.E. 0.00065503 Temp. Shift Factor 1.3101 Cal. Rod 0.05
 Divided By # lines 21 Chart Cal. Factor 0.0024 10 Gallons Added At 08:00 AM To Overfill Tank For Test

| TIME | TEST HEIGHT | CHART NO.S | GAIN LOSS | CHART FACTR | LEVEL RESULT | TEMP START | TEMP END | GAIN LOSS | TEMP FACTR | TEMP RESULT | RESULT IN GAL | RESULT GAL/HR |
|----------|-------------|------------|-----------|-------------|--------------|------------|----------|-----------|------------|-------------|---------------|---------------|
| 08:45 AM | 36 | 54 46 | -8 | 0.0024 | -0.0192 | 0.46 | 0.462 | 0.002 | 1.3101 | 0.0026 | -0.0218 | -0.0218 |
| 09:00 AM | 36 | 46 39 | -7 | 0.0024 | -0.0168 | 0.462 | 0.464 | 0.002 | 1.3101 | 0.0026 | -0.0194 | -0.0412 |
| 09:15 AM | 36 | 39 36 | -3 | 0.0024 | -0.0072 | 0.464 | 0.465 | 0.001 | 1.3101 | 0.0013 | -0.0085 | -0.0498 |
| 09:30 AM | 36 | 36 34 | -2 | 0.0024 | -0.0048 | 0.465 | 0.465 | 0 | 1.3101 | 0.0000 | -0.0048 | -0.0536 |

Test Run Data

| | | | | | | | | | | | | |
|----------|----|-------|----|--------|---------|-------|-------|-------|--------|--------|---------|---------|
| 09:45 AM | 36 | 50 49 | -1 | 0.0024 | -0.0024 | 0.465 | 0.465 | 0 | 1.3101 | 0.0000 | -0.0024 | -0.0024 |
| 09:51 AM | 36 | 49 49 | 0 | 0.0024 | 0 | 0.465 | 0.465 | 0 | 1.3101 | 0.0000 | 0.0000 | -0.0024 |
| 09:57 AM | 36 | 49 50 | 1 | 0.0024 | 0.0024 | 0.465 | 0.466 | 0.001 | 1.3101 | 0.0013 | 0.0011 | -0.0013 |
| 10:03 AM | 36 | 50 50 | 0 | 0.0024 | 0 | 0.466 | 0.467 | 0.001 | 1.3101 | 0.0013 | -0.0013 | -0.0026 |
| 10:09 AM | 36 | 50 50 | 0 | 0.0024 | 0 | 0.467 | 0.468 | 0.001 | 1.3101 | 0.0013 | -0.0013 | -0.0039 |
| 10:15 AM | 36 | 50 50 | 0 | 0.0024 | 0 | 0.468 | 0.468 | 0 | 1.3101 | 0.0000 | 0.0000 | -0.0039 |
| 10:21 AM | 36 | 50 50 | 0 | 0.0024 | 0 | 0.468 | 0.469 | 0.001 | 1.3101 | 0.0013 | -0.0013 | -0.0052 |
| 10:27 AM | 36 | 50 51 | 1 | 0.0024 | 0.0024 | 0.469 | 0.469 | 0 | 1.3101 | 0.0000 | 0.0024 | -0.0028 |
| 10:33 AM | 36 | 51 52 | 1 | 0.0024 | 0.0024 | 0.469 | 0.469 | 0 | 1.3101 | 0.0000 | 0.0024 | -0.0004 |
| 10:39 AM | 36 | 52 52 | 0 | 0.0024 | 0 | 0.469 | 0.469 | 0 | 1.3101 | 0.0000 | 0.0000 | -0.0004 |

DEVIATION 0.0015

Results: Certified Tight YES At Test Height Of 36 Loss Rate (gph)

-0.0004 Tested By *J. Dager*
 JOHN DAGER, LICENSE #93-1274

Note : The data for this test meets NFPA 329 standards. The equipment used to generate this data is able to detect a product loss at the rate of 0.05 gallons per hour. This is not to be construed as an allowable leak rate, but rather as an accuracy rate of the testing equipment.

TAT guarantees only that the data for this report meets NFPA criteria on the day of this test. TAT makes no warranty of tank and/or line fitness nor do we assume responsibility for any leakage which may have occurred as a result of this test.

